

LAPORAN PWL_POS



Disusun oleh:

Nama : Moch. Alfin Burhanudin Alqodri

NIM : 2341720024

No. Absen : 18

Kelas : 2-A

POLITEKNIK NEGERI MALANG
JURUSAN TEKNOLOGI INFORMASI
PROGRAM STUDI TEKNIK INFORMATIKA
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Praktikum 1 – Membuat RESTful API Register

The screenshot shows the Postman interface with a POST request to `http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/register`. The request body is empty, and the status is 422 Unprocessable Content. The response body shows validation errors for the register endpoint.

```
1 {
2   "username": [
3     "The username field is required."
4   ],
5   "nama": [
6     "The nama field is required."
7   ],
8   "password": [
9     "The password field is required."
10  ],
11  "level_id": [
12    "The level id field is required."
13  ]
14 }
```

Hasil:

The screenshot shows the Postman interface with a POST request to `http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/register`. The request body contains the following data:

Key	Value
username	penggunasatu
nama	Pengguna 1
password	12345
password_confirmation	12345
level_id	2

The status is 201 Created. The response body shows the successful registration details:

```
1 {
2   "success": true,
3   "user": {
4     "username": "penggunasatu",
5     "nama": "Pengguna 1",
6     "level_id": "2",
7     "updated_at": "2025-04-24T02:35:55.000000Z",
8     "created_at": "2025-04-24T02:35:55.000000Z",
9     "user_id": 20
10  }
11 }
```

Praktikum 2 – Membuat RESTful API Login

POST http://localhost/PWL-20: + ...

http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/login Save

POST http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/login Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary

Key	Value	Bulk Edit
username	penggunasatu	
nama	Pengguna 1	
password	12345	

Body Cookies Headers (11) Test Results 200 OK 720 ms 921 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "success": true,
3   "user": {
4     "user_id": 28,
5     "level_id": 2,
6     "username": "penggunasatu",
7     "nama": "Pengguna 1",
8     "created_at": "2025-04-24T02:35:55.000000Z",
9     "updated_at": "2025-04-24T02:35:55.000000Z"
10  },
11  "token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ3c3M0IjodHRwOi8vbG9jYXRob3N0L1BXTG9yMDI1L21pbmdndV8xMC9QV0xhUE9TL3B1YmtpYy9hcGkvbG9naW41LCJpYXQ1OjE3NDU2NDQ2ODksImV4cCI6MTc0NTY0ODI0OSwibmJmIjoxNzQ1NjQ0Njg5LCJqdGkiOi1JBSjV6Wm5JbTNyandIM2xwIiwic3V1Ijo1IjogIjE0IiwiaWF0IjE0MmRmODgzNGYxYjk4ZjcwZWZhbnJhYmVhZDZlYm9mM0MTM3MDA2OTBjIn0.ap1pfk5_WN7v04axjIE0PXXrX8858zJhg55ZnfqjPnQ"
```

Hasil:

POST http://localhost/PWL-20: + ...

http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/login Save

POST http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/login Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary

Key	Value	Bulk Edit
username	penggunasatu	
nama	Pengguna 1	
password	12345	

Body Cookies Headers (11) Test Results 401 Unauthorized 532 ms 444 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "success": false,
3   "message": "Username atau Password Anda salah"
4 }
```

POST http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/login

Send

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary

Key	Value
username	penggunasatu
nama	Pengguna 1
password	12345



Body Cookies Headers (11) Test Results 200 OK 603 ms 921 B Save Response ✓

Pretty Raw Preview Visualize JSON

```

{
  "success": true,
  "user": {
    "user_id": 28,
    "level_id": 2,
    "username": "penggunasatu",
    "nama": "Pengguna 1",
    "created_at": "2025-04-24T02:35:55.000000Z",
    "updated_at": "2025-04-24T02:35:55.000000Z"
  },
  "token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3M1ODJodHRwOi8vbG9jaXRob3N0LjBXTCB9MDI1L2pibmdndV8xMC9QV0xfUE9TL3B1YmtpYy9hcGkvbnRnaW41LCJpYXQiOjE3NDU2NDUwNjAsImV4cCI6MTc0NTY0ODYyZWwiJmIjoXNzQ1NjQ1MDYwLjCjQdGk0iE1ThpnTUfjc1kek2UwNjQlIiwic3ViIjoiaWtMcjg1CjwcnYiOiI0MWrmODgzNGYxYjk4ZjcwZWZhbnJhYVYvKzZYwGMjM0MTM3MDA2OTBjIn0.c-JTAIVmtGkw1RLqC1zPScQTtjglVwm7BmmwluFN_k"
}

```


http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/user
 Save

GET
http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/user

Send

Params

Authorization

Headers (10)

Body

Pre-request Script

Tests

Settings

Cookies

Type


Bearer ...

Token

eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ...


The authorization header will be automatically generated when you send the request.

[Learn more about authorization](#)


Store your secrets with end-to-end encryption locally using Vault.

Store in Vault

Body
Cookies (2)
Headers (12)
Test Results


200 OK
324 ms
551 B
Save Response

Pretty

Raw

Preview

Visualize

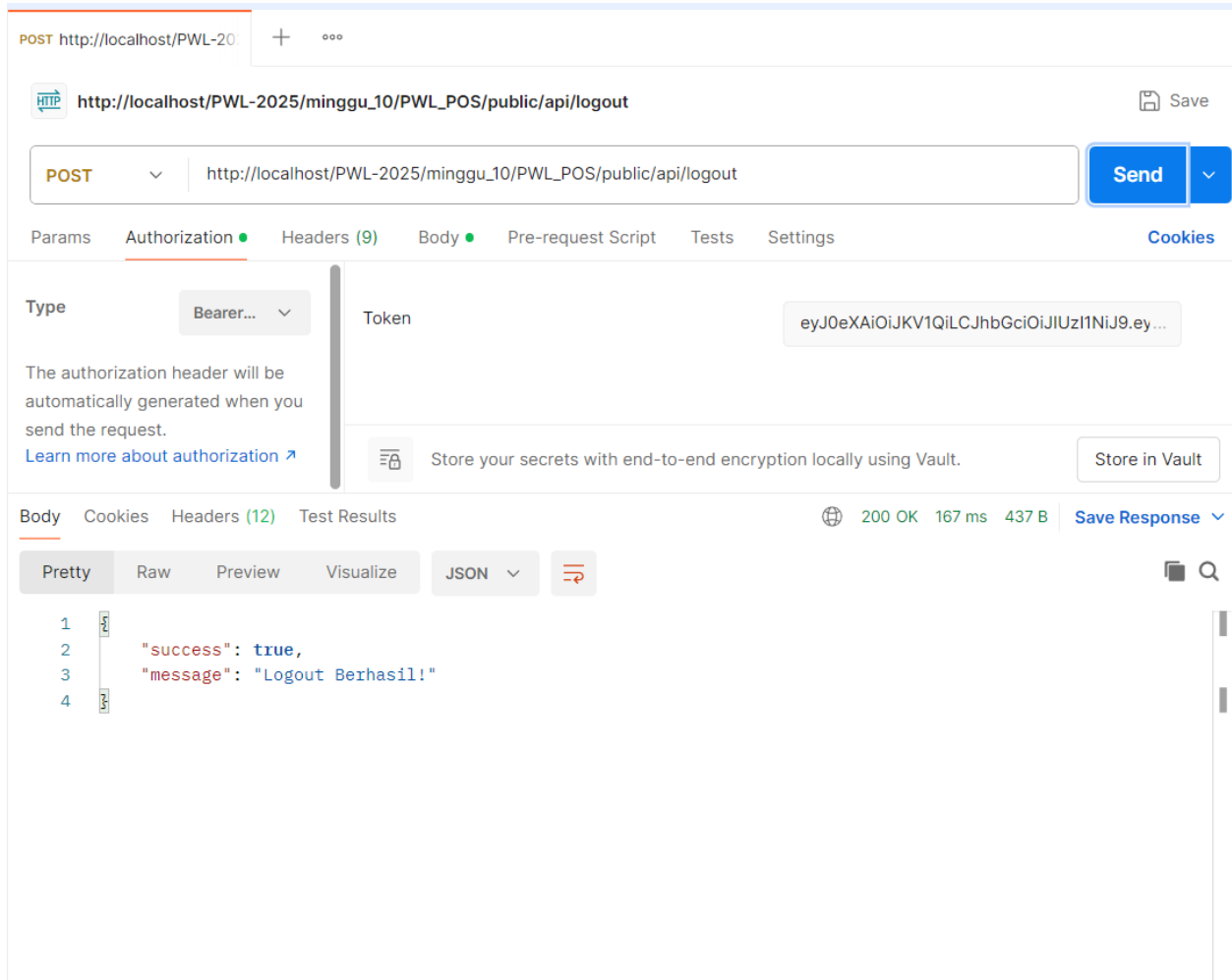
JSON

```

1  {
2    "user_id": 28,
3    "level_id": 2,
4    "username": "penggunasatu",
5    "nama": "Pengguna 1",
6    "created_at": "2025-04-24T02:35:55.000000Z",
7    "updated_at": "2025-04-24T02:35:55.000000Z"
8  }
```

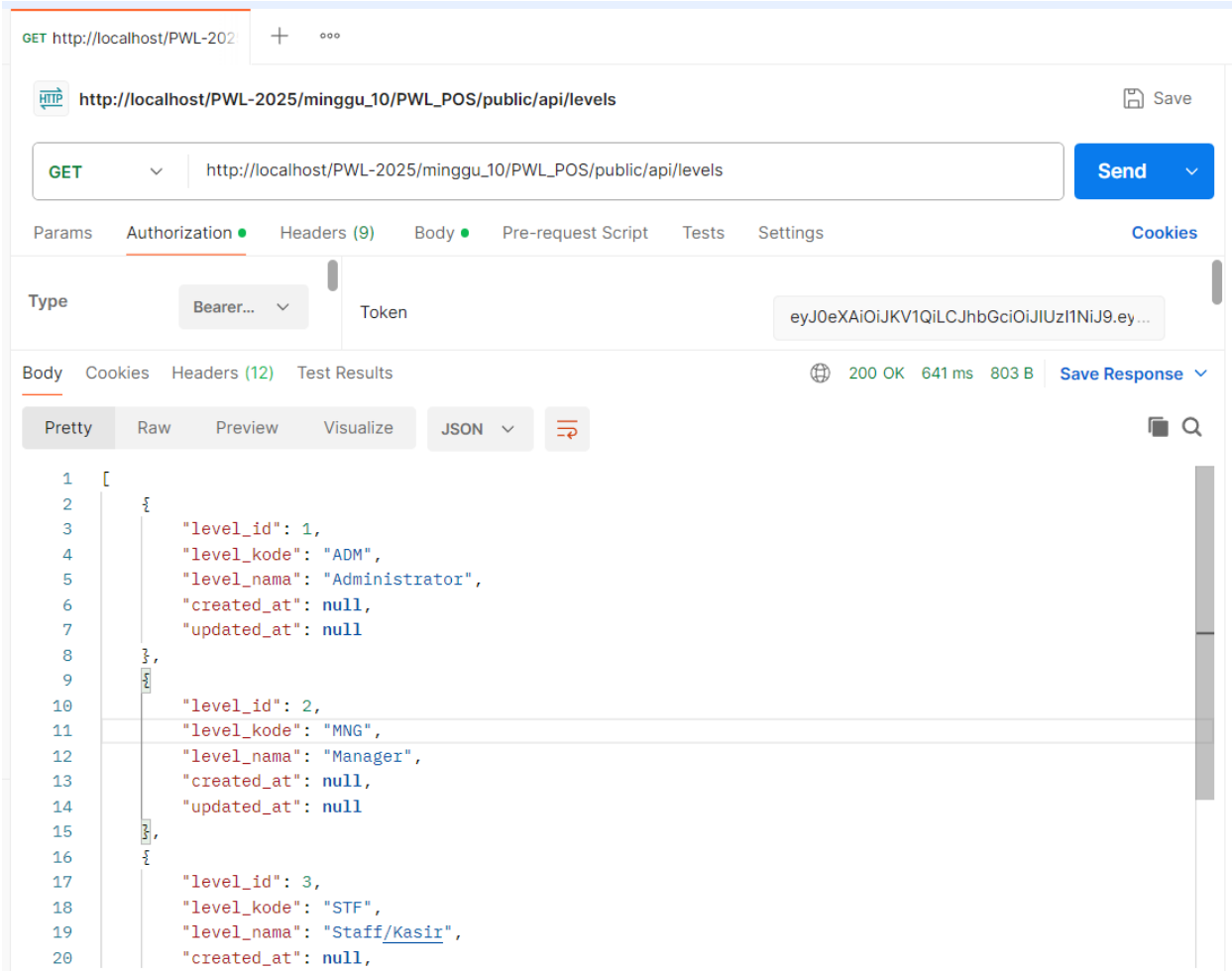
Praktikum 3 – Membuat RESTful API Logout

Pada postman isi URL localhost/PWL_POS/public/api/logout serta method POST. Isi token pada tab Authorization dan pilih type Beare Token, dan isi token yang didapat saat login lalu klik Send



Praktikum 4 – Implementasi CRUD dalam RESTful API

Gunakan URL: localhost/PWL_POS-main/public/api/levels dan method GET. Jelaskan dan berikan screenshot hasil percobaan Anda.



Endpoint ini berfungsi untuk mengambil seluruh data level dari database. Jika respons JSON muncul tanpa error, berarti endpoint GET /api/levels berjalan dengan baik dan berhasil menampilkan data.

Saat kita mencoba melakukan penamabhan dengan localhost/PWL_POSmain/public/api/levels dan method POST

POST http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/levels

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary

Key	Value
level_kode	SPV
level_nama	Supervisor
Key	Value

Body Cookies Headers (12) Test Results 201 Created 533 ms 542 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "level_kode": "SPV",
3   "level_nama": "Supervisor",
4   "updated_at": "2025-04-26T05:54:02.000000Z",
5   "created_at": "2025-04-26T05:54:02.000000Z",
6   "level_id": 6
7 }
```

percobaan menampilkan detail data.

GET http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/levels/6

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary

Key	Value
level_kode	SPV
level_nama	Supervisor
Key	Value

Body Cookies Headers (12) Test Results 200 OK 242 ms 539 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "level_id": 6,
3   "level_kode": "SPV",
4   "level_nama": "Supervisor",
5   "created_at": "2025-04-26T05:54:02.000000Z",
6   "updated_at": "2025-04-26T05:54:02.000000Z"
7 }
```

melakukan edit data menggunakan localhost/PWL_POS-main/public/api/levels/{id} dan method PUT. Isikan data yang ingin diubah pada tab Param

The screenshot shows a REST client interface with a PUT request to `http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/levels/6?level_kode=SPR`. The request is saved. The 'Params' tab is active, showing a query parameter `level_kode` with the value `SPR`. The 'Body' tab is also active, showing a JSON response in 'Pretty' format:

```
[{"level_id": 6, "level_kode": "SPR", "level_nama": "Supervisor", "created_at": "2025-04-26T05:54:02.000000Z", "updated_at": "2025-04-26T05:59:03.000000Z"}]
```

The response status is 200 OK, 266 ms, 539 B.

Terakhir lakukan percobaan hapus data.

The screenshot shows a REST client interface with a DELETE request to `http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/levels/6`. The request is saved. The 'Authorization' tab is active, showing a Bearer token: `eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ...`. The 'Body' tab is also active, showing a JSON response in 'Pretty' format:

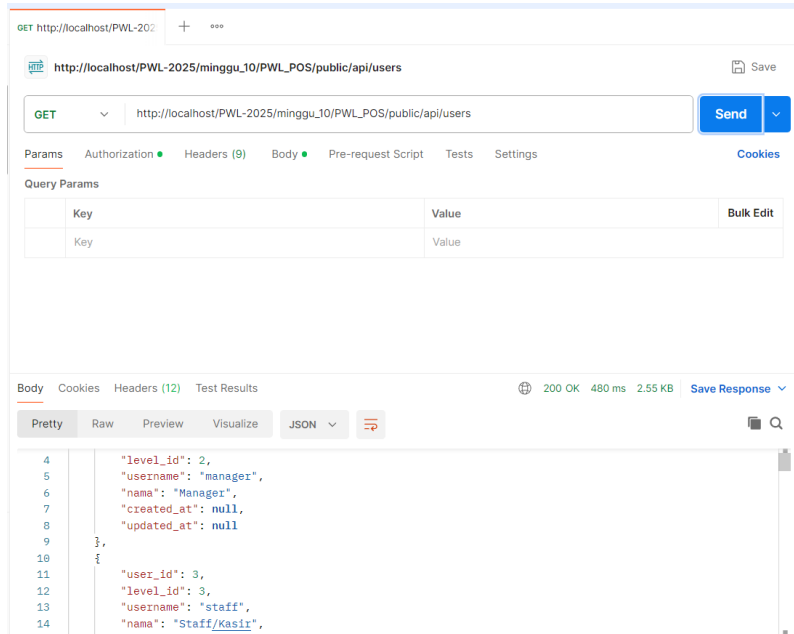
```
{"success": true, "message": "Data terhapus"}
```

The response status is 200 OK, 201 ms, 434 B.

TUGAS

Implementasikan CRUD API pada tabel lainnya yaitu tabel m_user, m_kategori, dan m_barang

- m_user



GET http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/users

Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

Query Params

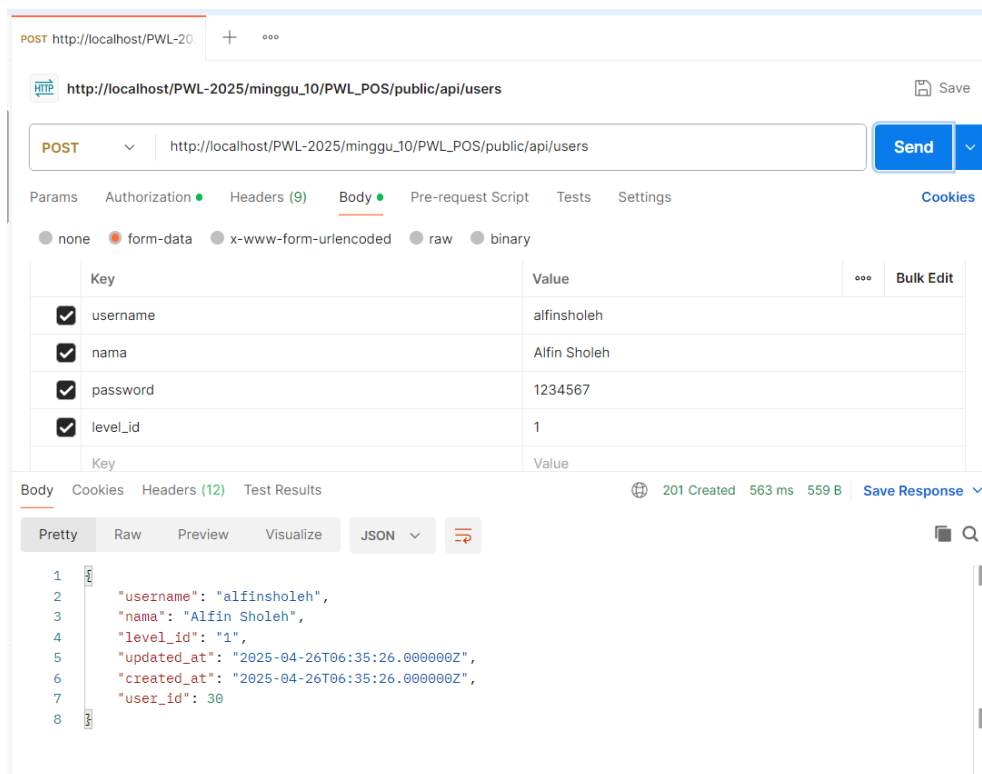
Key	Value	Bulk Edit
Key	Value	

Body Cookies Headers (12) Test Results 200 OK 480 ms 2.55 KB Save Response

Pretty Raw Preview Visualize JSON

```
4 {
5   "level_id": 2,
6   "username": "manager",
7   "nama": "Manager",
8   "created_at": null,
9   "updated_at": null
10 },
11 {
12   "user_id": 3,
13   "level_id": 3,
14   "username": "staff",
15   "nama": "Staff/Kasir",
```

Penambahan



POST http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/users

Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary

Key	Value	...	Bulk Edit
<input checked="" type="checkbox"/> username	alfinsholeh		
<input checked="" type="checkbox"/> nama	Alfin Sholeh		
<input checked="" type="checkbox"/> password	1234567		
<input checked="" type="checkbox"/> level_id	1		
Key	Value		

Body Cookies Headers (12) Test Results 201 Created 563 ms 559 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "username": "alfinsholeh",
3   "nama": "Alfin Sholeh",
4   "level_id": "1",
5   "updated_at": "2025-04-26T06:35:26.000000Z",
6   "created_at": "2025-04-26T06:35:26.000000Z",
7   "user_id": 30
8 }
```

Detail

GET http://localhost/PWL-202

http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/users/30

GET http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/users/30

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary

Key	Value
username	alfinsholeh
nama	Alfin Sholeh
password	1234567
level_id	1

Body Cookies Headers (12) Test Results 200 OK 265 ms 552 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "user_id": 30,
3   "level_id": 1,
4   "username": "alfinsholeh",
5   "nama": "Alfin Sholeh",
6   "created_at": "2025-04-26T06:35:26.000000Z",
7   "updated_at": "2025-04-26T06:35:26.000000Z"
8 }
```

Edit

PUT http://localhost/PWL-202

http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/users/30?nama=Alfin Anak Sholeh

PUT http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/users/30?nama=Alfin Anak Sholeh

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

Query Params


Key	Value
nama	Alfin Anak Sholeh


Body Cookies Headers (12) Test Results 200 OK 251 ms 557 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "user_id": 30,
3   "level_id": 1,
4   "username": "alfinsholeh",
5   "nama": "Alfin Anak Sholeh",
6   "created_at": "2025-04-26T06:35:26.000000Z",
7   "updated_at": "2025-04-26T06:39:36.000000Z"
8 }
```

Hapus

 http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/users/30

 Save

DELETE

▼

http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/users/30

Send

▼

Params

Authorization ●

Headers (9)

Body ●

Pre-request Script

Tests

Settings

Cookies

Query Params


	Key	Value	Bulk Edit
	Key	Value	

Body

Cookies

Headers (12)

Test Results

 200 OK 216 ms 434 B

Save Response

▼


Pretty

Raw

Preview

Visualize

JSON ▼



1



2

3

4

"success": true,

"message": "Data terhapus"

- m_kategori

HTTP http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/kategoris Save

GET ▼ http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/kategoris Send ▼

Params Authorization ● Headers (9) Body ● Pre-request Script Tests Settings Cookies

Query Params

Key	Value	Bulk Edit
Key	Value	

Body Cookies Headers (12) Test Results 200 OK 453 ms 1.22 KB Save Response ▼

Pretty Raw Preview Visualize JSON ▼ ≡

```
1 {
2   {
3     "kategori_id": 1,
4     "kategori_kode": "KAT1",
5     "kategori_nama": "Elektronik",
6     "created_at": null,
7     "updated_at": null
8   },
9   {
10    "kategori_id": 3,
11    "kategori_kode": "KAT3",
12    "kategori_nama": "Makanan",
13    "created_at": null,
14    "updated_at": null
15  },
16  {
17    "kategori_id": 4,
18    "kategori_kode": "KAT4",
```

Penambahan

HTTP http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/kategoris Save

POST ▼ http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/kategoris Send ▼

Params Authorization ● Headers (9) Body ● Pre-request Script Tests Settings Cookies

☐ none ☒ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary

Key	Value	...	Bulk Edit
<input checked="" type="checkbox"/> kategori_kode	SM		
<input checked="" type="checkbox"/> kategori_nama	Susu Milk		
Key	Value		

Body Cookies Headers (12) Test Results 201 Created 511 ms 550 B Save Response ▼

Pretty Raw Preview Visualize JSON ▼ ≡

```
1 {
2   "kategori_kode": "SM",
3   "kategori_nama": "Susu Milk",
4   "updated_at": "2025-04-26T06:49:45.000000Z",
5   "created_at": "2025-04-26T06:49:45.000000Z",
6   "kategori_id": 10
7 }
```

Detail

HTTP

http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/kategoris/10

Save

GET

http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/kategoris/10

Send

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

	Key	Value	...	Bulk Edit
<input checked="" type="checkbox"/>	kategori_kode	SM		
<input checked="" type="checkbox"/>	kategori_nama	Susu Milk		
	Key	Value		

Body

Cookies

Headers (12)

Test Results

200 OK

264 ms

545 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

1

2

3

4

5

6

7

"kategori_id": 10,

"kategori_kode": "SM",

"kategori_nama": "Susu Milk",

"created_at": "2025-04-26T06:49:45.000000Z",

"updated_at": "2025-04-26T06:49:45.000000Z"

Edit

HTTP

http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/kategoris/10?kategori_nama=Susu Merdeka

Save

PUT

http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/kategoris/10?kategori_nama=Susu Merdeka

Send

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params

	Key	Value	Bulk Edit
<input checked="" type="checkbox"/>	kategori_nama	Susu Merdeka	
	Key	Value	

Body

Cookies

Headers (12)

Test Results

200 OK

242 ms

548 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

1

2

3

4

5

6

7

"kategori_id": 10,

"kategori_kode": "SM",

"kategori_nama": "Susu Merdeka",

"created_at": "2025-04-26T06:49:45.000000Z",

"updated_at": "2025-04-26T06:53:43.000000Z"

Hapus

HTTP

http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/kategori/10

Save

DELETE

http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/kategori/10

Send

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params

	Key	Value	Bulk Edit
	Key	Value	

ody

Cookies

Headers (12)

Test Results

200 OK 229 ms 434 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

1

2

3

4

"success": true,

"message": "Data terhapus"

- m_barang

HTTP http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/barangs Save

GET http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/barangs Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

Query Params

Key	Value	Bulk Edit
Key	Value	

Body Cookies Headers (12) Test Results 200 OK 177 ms 3.86 KB Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "barang_id": 1,
3   "kategori_id": 1,
4   "barang_kode": "BRG1",
5   "barang_nama": "Laptop",
6   "harga_beli": 5000000,
7   "harga_jual": 7000000,
8   "created_at": null,
9   "updated_at": null
10 },
11 {
12   "barang_id": 2,
13   "kategori_id": 1,
14   "barang_kode": "BRG2",
15   "barang_nama": "Smartphone",
16   "harga_beli": 3000000,
17   "harga_jual": 5000000,
18   "created_at": null
19 }
```

Penambahan

HTTP http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/barangs Save

POST http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/barangs Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

☐ none ☒ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary

Key	Value	...	Bulk Edit
<input checked="" type="checkbox"/> barang_kode	BB		
<input checked="" type="checkbox"/> barang_nama	Baju Biru		
<input checked="" type="checkbox"/> harga_beli	10000		
<input checked="" type="checkbox"/> harga_jual	15000		
<input checked="" type="checkbox"/> kategori_id	2		

Body Cookies Headers (12) Test Results 201 Created 231 ms 604 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "barang_kode": "BB",
3   "barang_nama": "Baju Biru",
4   "harga_beli": "10000",
5   "harga_jual": "15000",
6   "kategori_id": "2",
7   "updated_at": "2025-04-26T06:58:51.000000Z",
8   "created_at": "2025-04-26T06:58:51.000000Z",
9   "barang_id": 31
10 }
```

Detail

http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/barangs/31

Save

GET

http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/barangs/31

Send

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

	Key	Value	...	Bulk Edit
<input checked="" type="checkbox"/>	barang_kode	BB		
<input checked="" type="checkbox"/>	barang_nama	Baju Biru		
<input checked="" type="checkbox"/>	harga_beli	10000		
<input checked="" type="checkbox"/>	harga_jual	15000		
<input checked="" type="checkbox"/>	kategori_id	2		

body

Cookies

Headers (12)

Test Results

200 OK

212 ms

593 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

```
1  {
2    "barang_id": 31,
3    "kategori_id": 2,
4    "barang_kode": "BB",
5    "barang_nama": "Baju Biru",
6    "harga_beli": 10000,
7    "harga_jual": 15000,
8    "created_at": "2025-04-26T06:58:51.000000Z",
9    "updated_at": "2025-04-26T06:58:51.000000Z"
10 }
```

Edit

http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/barangs/31?barang_nama=Baju Bunga

Save

PUT

http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/barangs/31?barang_nama=Baju Bunga

Send

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params

	Key	Value	Bulk Edit
<input checked="" type="checkbox"/>	barang_nama	Baju Bunga	
	Key	Value	

body

Cookies

Headers (12)

Test Results

200 OK

231 ms

594 B

Save Response

Pretty

Raw


Preview


Visualize

JSON

```
1  {
2    "barang_id": 31,
3    "kategori_id": 2,
4    "barang_kode": "BB",
5    "barang_nama": "Baju Bunga",
6    "harga_beli": 10000,
7    "harga_jual": 15000,
8    "created_at": "2025-04-26T06:58:51.000000Z",
9    "updated_at": "2025-04-26T07:00:44.000000Z"
10 }
```


Hapus

 http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/barangs/31

 Save

DELETE

http://localhost/PWL-2025/minggu_10/PWL_POS/public/api/barangs/31

Send

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params


	Key	Value	Bulk Edit
	Key	Value	

ody

Cookies

Headers (12)

Test Results

 200 OK 168 ms 434 B

Save Response


Pretty



Raw

Preview

Visualize

JSON



1

2

3

4

```
"success": true,
"message": "Data terhapus"
```

